

Converting Colors

YIQ(197.4140, 15.7290,
-15.2390)

Have a look what the booklet for
YIQ(197.4140, 15.7290, -15.2390)
contains.

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Color

**YIQ(197.4140, 15.7290,
-15.2390)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCB9A
RGB	203, 203, 154
RGB Percent	80%, 80%, 60%
CMY	0.2040, 0.2039, 0.3960
CMYK	0.00, 0.00, 0.24, 0.20
HSL	60°, 32%, 70%
HSV	60°, 24%, 80%
XYZ	51.8173, 57.7412, 38.9971
YIQ	197.4140, 15.7290, -15.2390

Conversions

Conversions Part 2

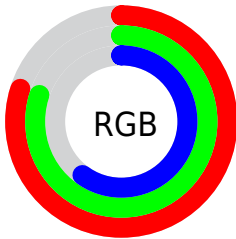
Format	Color
RYB	154, 203, 154
Decimal	13355930
CIELab	80.59, -7.90, 24.51
CIElCh	81, 25.751, 107.859
Yxy	57.7412, 0.3488, 0.3887
Android (android.graphics.Color)	4291546010 (0xFFCBCB9A)
YUV	197.4140, -21.4031, 4.8989
Hunter-Lab	75.9876, -11.2561, 22.7635

Details

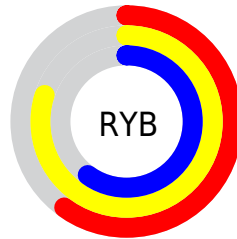
The YIQ color $197.4140, 15.7290, -15.2390$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $159.5860, -15.7290, 15.2390$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7560, 14.7660, -14.3060$, and $143.4570, 14.1700, -14.5180$ is the 20% darker color. If you saturate the color by 10%, you get $195.1340, 22.1490, -21.4590$, and if you desaturate by 10%, it is $199.6940, 9.3090, -9.0190$.

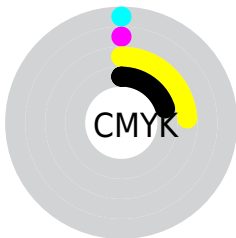
Distribution



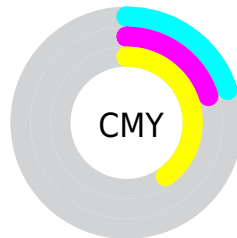
- Red (80%)
- Green (80%)
- Blue (60%)



- Red (60%)
- Yellow (80%)
- Blue (60%)



- Cyan (0%)
- Magenta (0%)
- Yellow (24%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.4140, 15.7290, -15.2390 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 197.4140, 15.7290, -15.2390 by changing the saturation by 10% instead.

■ 197.4140, 15.7290,
-15.2390

■ 197.4140, 15.7290,
-15.2390

255.0000, -0.0000,
-0.0000

■ 170.2290, 14.8120,
-15.1400

■ 249.7560, 14.7660,
-14.3060

■ 143.4570, 14.1700,
-14.5180

■ 252.9480, 5.7780,
-5.5980

■ 117.5710, 13.8490,
-14.2070

■ 92.7990, 13.2070,
-13.5850

■ 69.3150, 11.6940,
-13.6980

■ 46.3150, 11.6940,
-13.6980

■ 26.5690, 8.1630,

-10.2770

■ 2.3480, -1.1000,
-2.0920

■ 0.0000, 0.0000,
0.0000

■ 197.4140, 15.7290,
-15.2390

■ 197.4140, 15.7290,
-15.2390

■ 195.1340, 22.1490,
-21.4590

■ 199.6940, 9.3090,
-9.0190

■ 192.7400, 28.8900,
-27.9900

■ 202.0880, 2.5680,
-2.4880

■ 190.4600, 35.3100,
-34.2100

■ 204.3680, -3.8520,
3.7320

■ 188.1800, 41.7300,
-40.4300

■ 206.6480,
-10.2720, 9.9520

■ 185.9000, 48.1500,
-46.6500

■ 208.9280,
-16.6920, 16.1720

■ 183.5060, 54.8910,
-53.1810

■ 181.2260, 61.3110,
-59.4010

■ 179.8580, 65.1630,
-63.1330

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



199.7800, 32.5540, -6.2780



197.4140, 15.7290, -15.2390



194.3450, -6.1860, -20.0580

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



197.4140, 15.7290, -15.2390



191.3110, -52.4040, -8.4360



204.4200, 25.9010, 20.6930

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



197.4140, 15.7290, -15.2390



159.5860, -15.7290, 15.2390

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



203.4700, 5.2690, 20.1570



197.4140, 15.7290, -15.2390



195.6210, -41.1730, 2.7870

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



197.4140, 15.7290, -15.2390



189.7810, -48.2760, -17.1720



200.7920, -19.3050, 13.9670



203.3750, 38.9690, 15.1370

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



197.4140, 15.7290, -15.2390



192.3200, -22.2330, -21.0890



200.7920, -19.3050, 13.9670



204.4240, 20.0780, 21.5980

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



197.4140, 15.7290, -15.2390



252.9480, 5.7780, -5.5980



168.6510, 29.2040, 10.3880



126.4470, 2.9350, -3.6330



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



197.4140, 15.7290, -15.2390



246.5640, 23.7540, -23.0140



190.2380, 1.4250, -20.3270



100.8600, 3.2100, -3.1100



147.0760, 53.2860, -51.6260



33.6680, 12.1980, -11.8180

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



159.5860, -15.7290, 15.2390



189.4360, -23.7540, 23.0140



167.0610, -0.8290, 20.5390



93.1400, -3.2100, 3.1100



18.9240, -53.2860, 51.6260



4.3320, -12.1980, 11.8180

Previews

White Background



This preview shows how the YIQ color 197.4140, 15.7290, -15.2390 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 197.4140, 15.7290, -15.2390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

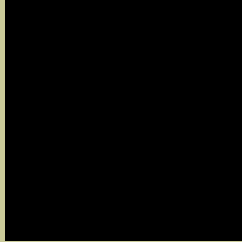
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 197.4140, 15.7290, -15.2390

Background



This preview shows how black text looks on a background with the YIQ color 197.4140, 15.7290, -15.2390.



This preview shows how white text looks on a background with the YIQ color 197.4140, 15.7290, -15.2390.

-15.2390.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

197.4140, 15.7290, -15.2390

Protanopia

198.7140, 23.7520, -11.9600

Deuteranopia

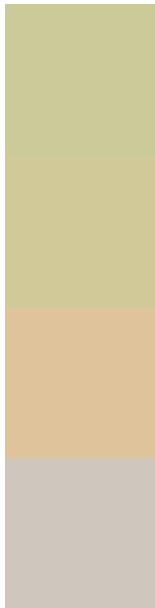
200.4540, 36.5880, -2.2920



Tritanopia

201.3090, 3.8040, 8.1560

Trichromacy



Original Color

197.4140, 15.7290, -15.2390

Protanomaly

198.2190, 20.7720, -13.0200

Deuteranomaly

199.3990, 29.2530, -7.0270

Tritanomaly

199.7790, 7.9320, -0.5800

Monochromacy



Original Color

197.4140, 15.7290, -15.2390

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.9480, 5.7780, -5.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.4140, 15.7290, -15.2390 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(203, 203, 154)` looks like.

```
.text, #text, p{  
    color:rgb(203, 203, 154)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 203, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 203, 154) }
```

Border

The CSS property to change the border of an element to YIQ 197.4140, 15.7290, -15.2390 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 203, 154) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(203, 203, 154) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(203, 203, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 203, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 203, 154);  
box-shadow:4px 4px 4px 4px rgb(203, 203,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 197.4140, 15.7290, -15.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 203, 154) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203,  
203, 154) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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